

FLEET REPORT

Nevada Highway Patrol
Lt. Bill Bainter

Overview

Monthly Shop Report for Reno:

During the month of March, the Reno Maintenance Shop completed three Dodge Durango unit builds for the Northern and Central Commands. In addition, the Reno Shop started the installation process of emergency equipment on the 2005 Ford Crown Victoria Police Interceptors and completed two unit builds. The Crown Victoria's are now built with a wiring harness that is manufactured by Minsta Corporation and it is estimated the Division will save eight hours in labor per vehicle. The harness is more durable than what was used in the past and includes a shut down delay timer. The shut off delay timer will prevent batteries from draining when equipment is left on. NHP fleet estimated that the Division is currently spending 20 hours per month responding to and charging dead batteries. This equates to \$7,200 per month in labor.

The Vehicle Fleet discovered that the Dodge Durango's side-impact air bag system interferes with the installation of prisoner cages. When activated, the air bags can not deploy properly. Deactivating the side airbag is possible but is not an option from a liability standpoint. At this time, the Division is not installing the prisoner cages and utilizing seat restraint straps.

The 2005 Ford Crown Victoria Police Interceptors are also equipped with side-impact air bags. However, the air bags are installed in the seat back cushion and deployment is not effected by prisoner cages.

During the month of March, the Reno shop did not report any transmission failures on the Ford Crown Vics and Chevrolet Impalas. The Reno Shop is still in the process of re-programming the transmissions on the 2004 Ford Crown Victoria Police Interceptor. This re-programming, will help correct the overdrive band failures on the 2004 models.

During the month of March, the Reno shop completed two 2004 Crown Victoria Police Interceptors recalls for wheel weld cracks (recall number 03S05). At this time, Ford has replaced (Statewide) eight defective wheels on NHP patrol units.

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**Nevada Highway
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Monthly Shop Report for Elko:

During the month of March, the Elko Shop reported two 2004 Ford Crown Victoria Police Interceptors transmission overdrives failures. The transmissions were covered under factory warranty and were reprogrammed per Ford TSB (04-16-03). In addition, Elko replaced a hub and front bearing component on a Ford Crown Victoria that was not covered under factory warranty.

The Elko Shop reported one Chevy Impala transmission failure that was covered under extended warranty with a \$100.00 deductible. One Impala had the muffler and catalytic converter replaced. Another Impala had a body control module replaced. These repairs were not covered under factory warranty and cost \$800.00. In addition, three Chevy Impala cooling fans were replaced at a cost of \$600.00.

Monthly Shop Report for Las Vegas:

During the month of March, the new Ford Police Interceptors were delivered to the Las Vegas mechanics shop.

The Las Vegas shop completed one Ford Expedition and one Dodge Durango build. It is anticipated that the remaining Ford Expedition will be completed by mid April.

The Las Vegas Shop is still operating with one vacant Mechanic II position and the shop is accruing overtime to maintain work loads. Unfortunately, two candidates failed the background investigation. A third candidate was selected and the fleet is hopeful the position will be filled mid April.

For the month of March, Las Vegas Shop reported one Ford Crown Vic transmission failure that was not covered under factory warranty.

For the month of March, the Las Vegas Shop reported one plugged Chevy Impala catalytic converter. This repair was not covered under factory warranty and cost \$300.00. The majority of Impalas will be out of warranty in July 2005 and Fleet is projecting additional expenses.

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Monthly Shop Statistics

Overtime worked for March 2005:

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
86 hours	36 hours	98.5 hours

Overtime Justification:

Reno: 86 hours new vehicle builds

Elko: 36 hours coverage

Las Vegas: 77 hours coverage for vacant position
5.5 hours for call out
14 hours for new vehicle builds

<u>Reno Shop</u>	<u>Elko Shop</u>	<u>Las Vegas Shop</u>
49 PM Services	40 PM Services	43 PM Services
58 Repairs	45 Repairs	128 Repairs
(5 outside repairs)	(25 outside repairs)	(2 outside repairs)

Totals: <u>112</u>	<u>110</u>	<u>173</u>
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Total Statewide services and repairs: **395**

Note: PM stands for preventative maintenance services

Vehicle Registrations:

Procedures were established in which Terry Lukas registers vehicles when vehicle status reports are received in Fleet Headquarters. Status reports are completed at the NHP shops and forwarded to Headquarters for processing. All NHP vehicle registrations are current.

F/Y 2005 Fleet Vehicle Orders:

F/Y 2005	Ford Crowns	Expeditions	Durango's
Las Vegas	<u>24</u>	<u>3</u>	<u>1</u>
Reno	<u>14</u>	<u>2</u>	<u>1</u>
Elko	<u>15</u>	<u>3</u>	<u>2</u>
Total	<u>53</u>	<u>8</u>	<u>4</u>

Vehicles ordered from the crash fund: 3 - Delivery Date is April 2005.

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Current Fleet Test Programs

Delco-Delphi Batteries	17 units	Las Vegas
Michelin Tires	25 units	Las Vegas
Michelin Tires Commercial Enforcement	18 units	Las Vegas
Whelen CenCom Siren Controller	3 units	Reno
	2 units	Elko
	5 units	Las Vegas
Infineum Test Oil	16 units	Elko
	7 units	Reno
	17 units	Las Vegas
Code Three LED Overhead Light Bars	6 units	Elko
	6 units	Reno
	3 units	Las Vegas
DVD Digital In-Car Video System	1 unit	Reno
Dodge Durango	1 unit	Reno
	2 units	Elko
	1 unit	Las Vegas
Rollgard Suspension System	2 units	(Pending)
Spider Spikes Traction Device	1 unit	Reno (complete)

All parts, oil and equipment testing is furnished at no cost to the Division for Infineum Oil testing. Initial field test reports on the LED overhead light bars have rated the equipment as exceptional. The DVD digital in-car video reports have been rated excellent.

The Durango test program has had very favorable results at the present time. Whelen CenCom Siren Controllers reports very favorable results.

Windshield Damage Report:

	<u>Unit</u>	<u>Amount</u>
F/Y 2005 (March 2005)		
Southern Command	3	open
Northern Command	1	open
Central Command	5	open
Total	<u>9</u>	<u>pending</u>

Accident Damage Report:

	<u>Units Damaged</u>
F/Y 2005 (March 2005)	
Southern Command	2 (1 trooper fault)
Northern Command	0 (0 trooper fault)
Central Command	2 (1 trooper fault)
Total	<u>4</u>

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March Crash Fund Balance: \$ 40,290.25

Auction Proceeds from October 16, 2004: \$ 94,760.00
(Reimbursement to the Highway Fund from Auction Proceeds)

Fuel Data Charts for NDOT, Western Energetix, Chevron, Union and Texaco:

N-DOT Monthly Fuel Data

4713-04
NDOT GAS

DATE	MONTH OF BILL	BILLING CLAIM #	AMOUNT	GALLONS OF GAS	AVERAGE COST PER GALLON
7/31/04	July		\$ 84,085.64	44903.9	\$ 1.84
8/31/04	August		\$ 85,682.99	46656.8	\$ 1.84
9/30/04	Sept.		\$ 87,677.00	48245.8	\$ 1.82
10/30/04	Oct		\$ 80,199.50	41843.8	\$ 1.92
11/30/04	Nov		\$ 96,537.18	49295.6	\$ 1.96
12/31/04	Dec		\$ 84,994.16	47716.6	\$ 1.78
1/31/05	Jan		\$102,280.63	59150.4	\$ 1.73
2/28/05	Feb		\$81,323.30	43933.4	\$ 1.86
3/28/05	Mar		\$147,100.15	74707.1	\$ 1.96
	April				
	May				
	June				
	July				
Total			\$ 849,880.55	456,452.4	\$1.90

Western Energetix Monthly Fuel Data:

DATE	WESTERN ENERGETIX	GAL	DATE	GAL	CHEVRON
7/31/04	\$ 5,370.85	\$1.77	7/31/04	\$1.89	\$ 2,774.00
8/31/04	\$ 5,060.56	\$1.81	8/31/04	\$2.59	\$ 1,565.85
9/30/04	\$ 5,588.11	\$1.86	9/30/04	\$2.80	\$ 2,384.58
10/30/04	\$ 4,044.93	\$1.96	10/30/04	\$2.80	\$ 1,726.14
11/30/04	\$ 1,918.27	\$2.01	11/30/04	\$2.79	\$ 2,928.31
12/31/04	\$ 3,783.87	\$1.90	12/31/04	\$2.39	\$ 1,204.17
01/31/05	\$ 4,841.95	\$1.89	01/31/05	\$2.35	\$ 569.75
02/28/05	\$ 3,660.62	\$1.89	02/28/05	\$2.35	\$1,753.73
03/31/05	\$ 6,017.12	\$2.12	3/31/05	\$2.47	\$1,816.02
TOTAL	\$ 34,269.16	\$2.02	TOTAL	\$2.50	\$ 15,518.38

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Conoco/76 Monthly Fuel Data:

FUEL REPORTS				
Conoco/76				
10/30/04	\$ 26.88			
TOTAL	\$ 26.88		TOTAL	

Fuel Totals:

N-DOT	\$ 849,880.55
Western Energetix	34,269.16
Conoco/76	26.88
Chevron	\$ 15,518.38
Total Fuel	YTD
	\$ 899,694.97

For fiscal year 2005, NHP was budgeted \$789,977 for fuel at \$1.21 per Gallon.

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FLEET INVENTORY

Northern Command by Department

DEPARTMENT

Traffic			94	
COMMERCIAL			19	
ADAPT			3	
ACADEMY			11	
UNASSIGNED			16	
CVSI			3	
LOANER			0	
RADIO SHOP			2	
RECONSTRUCTION			1	
SHOP TRUCK			2	
SPARE			10	
ADMINISTRATIVE			0	
STORE KEEPER			1	
STRIP FOR TURN IN			1	
GOV DETAIL			4	
TAXI			6	
MOTORHOME			2	
MOTORS			7	
MCSAP			4	
TRAILERS			9	
OUT OF SERVICE			0	
PLANE			1	
New Vehicles in Build Process			2	

FLEET INVENTORY

CENTRAL COMMAND

DEPARTMENT

NUMBER VEHICLES

Traffic	69		
COMMERCIAL	13		
UNASSIGNED	2		
ADAPT	0		
CVSI	2		
LOANERS	0		
RADIO SHOP	1		
RECONSTRUCTION TRUCK	1		
SHOP TRUCK	1		
SPARE	5		
ADMINISTRATIVE EVIDENCE	1		
STRIP FOR TURN IN	2		
TAXI	3		
TRAILERS	11		
MOTORHOME	1		
New Vehicles in Build Process	5		

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FLEET INVENTORY				
Southern Command by Department				
DEPARTMENT	NUMBER VEHICLES			
TRAFFIC			117	
COMMERICAL			20	
UNASSIGNED			10	
CVSI			4	
LOANER			11	
RADIO SHOP			3	
RECONSTRUCTION			1	
SHOP TRUCK			1	
SPARE			0	
ADMINISTRATIVE Evidence			1	
STORE KEEPER			1	
STRIP FOR TURN IN			1	
GOV DETAIL			1	
TAXI			5	
MOTORHOME			2	
MOTORS			7	
MCSAP			1	
TRAILERS			10	
New Vehicles in Build Process			5	

